



**DEPARTMENT OF THE ARMY**  
**OFFICE OF THE PROVOST MARSHAL GENERAL**  
**2800 ARMY PENTAGON**  
**WASHINGTON, DC 20310-2800**

DAPM-MPO-PS

MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: FY13 Sponsorship of Security Engineering Training (SET), Electronic Security Systems (ESS) Courses

1. The purpose of this memorandum is to announce that the Office of the Provost Marshal General (OPMG) will again sponsor SET and ESS training courses. The U.S. Army Corps of Engineers (USACE) will provide instruction and course management. These courses provide vital information for physical security, antiterrorism and engineering personnel to effectively coordinate design requirements for military construction projects.
2. The SET course emphasizes cooperation between the security and engineering communities and instructs students on the joint development of design criteria and protective measures to mitigate criminal and terrorist threats to assets. Using a meaningful common reference system, course graduates can incorporate security and engineering principles into construction projects at inception, and also maintain cooperation throughout the planning and design process. The course covers Unified Facilities Criteria (UFC) 4-010-01 (DoD Minimum AT Standards for Buildings), and application of UFC 4-010-02 (DoD Minimum Antiterrorism Standoff Distances for Buildings) and UFC 4-020-01 (DoD Security Engineering Facilities Planning Manual). The SET course provides 36 hours of organized classroom instruction.
3. The ESS course includes intrusion detection systems, interior and exterior intrusion detection sensors, video assessment and surveillance systems, and electronic entry control systems. The course covers UFC 4-020-04FA (Electronic Security Systems: Security Engineering) and Unified Facilities Guide Specification 28 20 01.00 10 (Electronic Security System). The course addresses basic system description and operational theory, application for physical security and force protection, system design information, use of USACE criteria documents, and discussion on evaluating and testing installed systems prior to acceptance. Some basic design calculations are included. Course graduates should be conversant in basic interior and exterior sensor application, and have a good understanding of the overall design philosophy and application limitations of ESS. The ESS course provides 36 hours of organized classroom instruction.

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4. Implementing Instructions.

a. Attendance is limited to new students and to those who have not attended in the past five years. Primary consideration is given to Soldiers with additional skill identifier H3, Army civilians in job series 0080 (Physical Security), and engineering personnel actively engaged in protective design planning. Nominees from other departments and agencies are welcome on a space available basis.

b. These courses are not listed in the Army Training Requirements and Resources System and OPMG does not require a DD Form 1610. Organizations must submit nominee information directly to the USACE points of contact listed below. OPMG funds the course registration fee. The sponsoring organization is responsible for normal travel costs, some of which could be offset by a Career Program if funds are available. Business casual attire is recommended for military and civilian students.

c. The SET courses will be conducted 6-10 May and 8-12 July 2012 at the Humphreys Engineering Center, 7701 Telegraph Road, Alexandria, VA. The ESS courses will be conducted 25 February-1 March and 22-26 April 2013 at building 3447, Redstone Army Arsenal, Huntsville, AL.

d. For SET, contact Ms Katherine Barnett, COM 402-995-2393, [katherine.d.barnett@usace.army.mil](mailto:katherine.d.barnett@usace.army.mil). For ESS, contact Ms. Judy Dissette, COM 256-895-1740, DSN 760-1740, [essdesign@usace.army.mil](mailto:essdesign@usace.army.mil).

5. POC is Mr. Edward Parsons, COM 703-693-9070, DSN 223-9070, [edward.t.parsons2.civ@mail.mil](mailto:edward.t.parsons2.civ@mail.mil).



WILLIAM R. BLACK  
COL, MP  
Chief, Operations Division

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